

BEST AVAILABLE COPY

PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	D-20
	First Named Inventor	Benjamin T. F. Piper
	COMPLETE IF KNOWN	
	Application Number	10/825,701
	Filing Date	04/16/2004
	Art Unit	2825
	Examiner Name	Unassigned

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A three dimensional tangible interface for interacting with spatial-temporal data using a laser scanner

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

04/16/2004

as United States Application Number or PCT International

Application Number

10/825,701

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

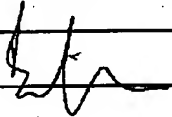
Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/02A (10-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>1</u>
--------------------	---

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Carlo Filippo		Family Name or Surname Ratti	
Inventor's Signature		Date	
Turin Residence: City	State	Italy Country	Italy Citizenship
Corso Sella 26 Mailing Address			
Mailing Address			
City Turin	State	10131 ZIP	Italy Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Benjamin Tarquinn Fielding		Family Name or Surname Piper	
Inventor's Signature 		Date 9/18/04	
London Residence: City	State	U.K. Country	U.K. Citizenship
12 Turner Road Mailing Address			
Walthamstow Mailing Address			
City London	State	E17 3JQ ZIP	U.K. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Hiroshi		Family Name or Surname Ishii	
Inventor's Signature		Date	
Boston Residence: City	MA State	U.S.A. Country	U.S.A. Citizenship
One Longfellow Place #2822 Mailing Address			
Mailing Address			
City Boston	MA State	02114 ZIP	U.S.A. Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SEP-24-2004 FRI 11:28 PM MIT DUSP CD&D

FAX NO. 6172588081

P. 01

PTO/DSD/01 (10-01)
Approved for use through 10/31/2002, OMB 0001-0002
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION - Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/>		Customer Number or Bar Code Label	021253		OR <input type="checkbox"/>	Correspondence address below
Name						
Address						
City		State		ZIP		
Country U.S.A.		Telephone		Fax		
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fines or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>						
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name Benjamin Tarquinn Fielding (first and middle (if any))				Family Name Piper or Surname		
Inventor's Signature				Date		
Residence: City London		State		U.S.A. Country		U.K. and U.S.A. Citizenship
Mailing Address 12 Turner Road Walthamstow						
City London		State		E17 3JQ ZIP		U.S.A. Country
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name Carlo Filippo (first and middle (if any))				Family Name Ratti or Surname		
Inventor's Signature <i>Carlo Ratti</i>				Date 20th Sep 04		
Residence: City Turin		State		U.S.A. Country		Italy Citizenship
Mailing Address Corso Sella 20						
City Turin		State		10131 ZIP		U.S.A. Country
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto						

[Page 2 of 2]

PTO/SB/02A (10-00)

Approved for use through 10/31/2002. OMB 0881-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Carlo Filippo	Family Name or Surname Ratti		
Inventor's Signature		Date	
Residence: City Turin	State	Country Italy	Citizenship Italy
Mailing Address Corso Sella 26			
Mailing Address			
City Turin	State	ZIP 10131	Country Italy
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Benjamin Tarquinn Fielding	Family Name or Surname Piper		
Inventor's Signature		Date	
Residence: City London	State	Country U.K.	Citizenship U.K.
Mailing Address 12 Turner Road			
Mailing Address Walthamstow			
City London	State	ZIP E17 3JQ	Country U.K.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Hiroshi	Family Name or Surname Ishii		
Inventor's Signature		Date	
Residence: City Boston	State MA	Country U.S.A.	Citizenship Japan
Mailing Address Qas Longfellow Place #2822			
Mailing Address			
City Boston	State MA	ZIP 02114	Country U.S.A.

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.